

**DETECTION OF ANTIBODY AGAINST AVIAN INFLUENZA TYPE A
VIRUS USING ELISA IN EGGS OF DUCKS AND MUSCOVIES FROM
SOME TRADITIONAL MARKET IN SURABAYA**

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ABSTRACT

The aim of this study is to detect the antibody against Avian Influenza (AI) type A in duck and muscovy egg from traditional market in Surabaya.

Sampling method used in this study was "Stratified Random Sampling" to determine the market places. Total of 300 egg samples have been tested using ELISA to detect antibody against AI type A.

The antibody against AI type A was detected in 96 samples out of 300 samples. This finding showed that eggs of duck and muscovy sold in traditional markets in Surabaya had antibody against Avian Influenza A.

Key word: Egg yolk, Antibody of Avian Influenza A, Duck, Muscovy, ELISA

